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L Number	Hits	Search Text	DB	Time stamp
19	24	5689091.URPN.	USPAT	2002/10/23
20	5	("4170819" "4211603" "5319159" "5487218" "5557503").PN.	USPAT	08:57 2002/10/23 08:59
33	23	5600541.URPN.	USPAT	2002/10/23
34	12	("4630172" "4705917" "4899118" "5012386" "5043794" "5121293" "5128831" "5164699" "5239448" "5247423" "5319521" "5412538").PN.	USPAT	2002/10/23
35	103	4630172.URPN.	USPAT	2002/10/23
38	37	5646828.URPN.	USPAT	2002/10/23 09:04
39	11	5963429.URPN.	USPAT	2002/10/23
40	0	6404648.URPN.	USPAT	2002/10/23 09:06
41	7	("5963429" "6077724" "6100594" "6184463" "6258626" "6294838" "6294839").PN.	USPAT	2002/10/23 09:06
42	18	("5088190" "5528222" "5541525" "5566441" "5600175" "5607818" "5633122" "5634267" "5656551" "5682143" "5733800" "5767564" "5784260" "5811879" "5818698" "5875100" "5898217" "5963429").PN.	USPAT	2002/10/23 09:07
43	23	("3745505" "3777221" "4577214" "4862323" "5019673" "5081563" "5134246" "5196089" "5258575" "5371404" "5438224" "5461197" "5488542" "5545924" "5589781" "5635761" "5663593" "5811879" "5815372" "5854534" "5925934" "5940687" "6087732").PN.	USPAT	2002/10/23
44	13	5159750.URPN.	USPAT	2002/10/23 09:12
45	7	("4362902" "4711700" "4717066" "4857483" "5014111" "5159750" "5160409").PN.	USPAT	2002/10/23 09:13
46	24	("3676748" "3890636" "3892583" "4079511" "4115837" "4132856" "4286456" "4320438" "4340902" "4396971" "4475007" "4513355" "4551746" "4630172" "4654694" "4677526" "4705917" "4801765" "4839717" "4866504" "4872260" "4879588" "4890155" "4891687").PN.	USPAT	2002/10/23 09:13
47	22	4879588.URPN.	USPAT	2002/10/23 09:14
48	4	5611876.URPN.	USPAT	2002/10/23 09:14
49	11	("3760090" "4608592" "4705917" "4710250" "4764846" "4837408" "4879588" "4972253" "5218230" "5225709" "5461196").PN.	USPAT	2002/10/23 09:15
50	6	5461196.URPN.	USPAT	2002/10/23 09:16
51	11	("3872583" "4289922" "4296456" "4320438" "4336088" "4338621" "4340902" "4387388" "4437141" "4441119" "4458291").PN.	USPAT	2002/10/23 09:21
54	19	5497031.URPN.	USPAT	2002/10/23 09:24
57	14	5357056.URPN.	USPAT	2002/10/23 09:25
58	4	5952714.URPN.	USPAT	2002/10/23 09:25

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CEO.		/#5205205# #5255056# #5556055#\	1110000	1 2000 /10 /00
59	3	("5327325" "5357056" "5753857").PN.	USPAT	2002/10/23 09:25
64	17	4187868.URPN.	USPAT	2002/10/23
65	6	("2874316" "3050422" "3499792" "3527607" "3871395" "3998653").PN.	USPAT	2002/10/23
110	24	"5814883"	USPAT;	2002/10/23
			US-PGPUB; EPO; JPO;	09:37
111	76	"5583378 "	DERWENT USPAT;	2002/10/23
			US-PGPUB; EPO; JPO;	09:37
110	20	#570C170#	DERWENT	2002/10/22
112	29	"5796170"	USPAT; US-PGPUB;	2002/10/23
			EPO; JPO; DERWENT	
113	20	"5491362"	USPAT; US-PGPUB;	2002/10/23
	:		EPO; JPO;	05.30
114	22	"5444296"	DERWENT USPAT;	2002/10/23
			US-PGPUB; EPO; JPO;	09:38
115	155	 "5814883" "5583378" "5796170" "5491362"	DERWENT USPAT;	2002/10/23
		"5444296"	US-PGPUB; EPO; JPO;	09:38
116	38	///C 6407291 A on MC 6294472 A on	DERWENT	2002/10/22
110	30	US-6271056-\$ or US-5952714-\$ or	USPAT; US-PGPUB	2002/10/23 09:38
117	151	US-5753857-\$ or US-5107328-\$ or US-6451624-\$ or US-5689091-\$ or US-5633530-\$ or US-6440770-\$ or US-5043794-\$ or US-500541-\$ or US-5497031-\$ or US-5497031-\$ or US-5327325-\$ or US-6420782-\$ or US-5672909-\$ or US-6336116-\$ or US-6336116-\$ or US-6336116-\$ or US-6336116-\$ or US-6396116-\$ or US-6396116-\$ or US-6396116-\$ or US-6396429-\$ or US-63963429-\$ or US-63963429-\$ or US-6445591-\$ or US-5611876-\$ or US-5461196-\$ or US-5461196-\$ or US-5461196-\$ or US-5611876-\$ or US-63963429-\$ or US-639631-\$ or US-5611876-\$ or US-639631-\$ or US-5611876-\$ or US-639631-\$ or US-5611876-\$ or US-6404648-\$ or US-5461196-\$ or US-5611876-\$ or US-639631-\$ or US-5611876-\$ or US-5413355-\$).did. or (US-6407381-\$ or US-6384473-\$ or US-6471056-\$ or US-5952714-\$ or US-5753857-\$ or US-5952714-\$ or US-5753857-\$ or US-5689091-\$ or US-5633530-\$ or US-5689091-\$ or US-5633530-\$ or US-5689091-\$ or US-5633530-\$ or US-5600541-\$ or US-5497031-\$ or US-5327325-\$ or US-5497031-\$ or US-5327325-\$ or US-6420782-\$ or US-5327325-\$ or US-6420782-\$ or US-5672909-\$ or US-5173767-\$ or US-5672909-\$ or US-6420782-\$ or US-5672909-\$ or US-6435591-\$ or US-642064-\$ or US-5672909-\$ or US-6445591-\$ or US-6404648-\$ or US-644640-\$ or US-644640-\$ or US-644640-\$ or US-644064-\$ or US-6445591-\$ or US-644064-\$ or US-644064-\$ or US-6445591-\$ or US-644064-\$ or US-6445591-\$ or US-644064-\$ or US-6445591-\$ or US-644064-\$ or US-6445591-\$ or US-6440648-\$ or US-6445591-\$ or US-6440648-\$ or US-6445591-\$ or US-6440648-\$ or US-6445591-\$ or US-6440648-\$ or US-6445591-\$ or US-6404648-\$ or US-6445591-\$ or US-6404648-	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/23 09:38

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110				
118	17	3-11-11-11-11-11-11-11-11-11-11-11-11-11	USPAT	2002/10/23
		"5808878" "5952611" "5956233"		09:39
		"5973403" "5994166" "6013948"		
		"6020629" "6091138" "6181002"		
		"6181008" "6219254" "6262488"		
		"6265771" "6316727" "2001/0015485").PN.		ľ
119	20		******	0000 (10 (5)
1113	20	J444250.URPN.	USPAT	2002/10/23
120	2	("5172303" "5239448").PN.	HCDAM	09:40
120	-	(3172303 3239446).PN.	USPAT	2002/10/23
121	11	("4675789" "5557502" "5583378"	USPAT	09:40
		"5625166" "5640048" "5796170"	USPAI	2002/10/23
		"5814883" "5831810" "5847936"		09:44
		"5923540" "6153829").PN.		
122	8		USPAT	2002/10/23
				09:45
123	4	5831810.URPN.	USPAT	2002/10/23
				09:46
124	5	("5081563" "5103283" "5210683"	USPAT	2002/10/23
		"5272590" "5403784").PN.		09:47
125	26	5796170.URPN.	USPAT	2002/10/23
126	_	(#4054077# #5074404#) ===		09:50
126	2	("4954877" "5371404").PN.	USPAT	2002/10/23
127	29	/"2026746" "4601656" "4702646"		09:50
121	29	("3926746" "4681656" "4792646" "4802277" "4849856" "4910584"	USPAT	2002/10/23
		4802277" "4849856" "4910584" "4970579" "4999740" "5027191"		09:51
		"5045921" "5057969" "5115964" "5133495" "5136366" "5153385"		
		"5159535" "5170931" "5191511"		
		"5203075" "5241133" "5261155"		
		"5280193" "5291062" "5294750"		
		"5332864" "5345106" "5357672"		
		"5381039" "5420460").PN.		
128	6	("5222014" "5237204" "5444296"	USPAT	2002/10/23
		"5543663" "5567983" "5633783").PN.	OSIAI	09:59
129	19944	(optical near1 (device package)) and	USPAT;	2002/10/23
		(window transparent)	US-PGPUB;	10:06
		•	EPO; JPO;	1
			DERWENT	
130	683	((optical near1 (device package)) and	USPAT;	2002/10/23
		(window transparent)) and (second adj	US-PGPUB;	10:10
		(chip die device semiconductor))	EPO; JPO;	
			DERWENT	
131	20486	((optical near1 (device package)) (ccd	USPAT;	2002/10/23
		adj chip)) and (window (glass adj cover)	US-PGPUB;	10:09
		transparent)	EPO; JPO;	[
122	600	(//	DERWENT	
132	699	(((optical near1 (device package)) (ccd	USPAT;	2002/10/23
		adj chip)) and (window (glass adj cover)	US-PGPUB;	10:20
		transparent)) and (second adj (chip die	EPO; JPO;	
133	359	device semiconductor))	DERWENT	0000 (10 (5 -
133	359	((((optical near1 (device package)) (ccd	USPAT;	2002/10/23
	l	adj chip)) and (window (glass adj cover)	US-PGPUB;	10:13
	ļ	transparent)) and (second adj (chip die device semiconductor))) and glass	EPO; JPO;	
134	215	(((((optical near1 (device package)) (ccd	DERWENT	2002 (10 (22
	210	adj chip)) and (window (glass adj cover)	USPAT; US-PGPUB;	2002/10/23
		transparent)) and (second adj (chip die		10:21
		device semiconductor))) and glass) and	EPO; JPO; DERWENT	
	l	(wiring wire bump ball flipchip (flip adj	DEVADAT	
		chip))		
135	148	((((((optical near1 (device package))	USPAT;	2002/10/23
]		(ccd adj chip)) and (window (glass adj	US-PGPUB;	10:20
		cover) transparent)) and (second adj	EPO; JPO;	20,20
]		(chip die device semiconductor))) and	DERWENT	
		glass) and (wiring wire bump ball		
1		flipchip (flip adj chip))) and (cavity		
1	ļ	riponip (rip ad) chip/// and (cavity		1
		apperture opening)		

136	147	(((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening)) not ((US-6407381-\$ or US-6384473-\$ or US-6271056-\$ or US-5952714-\$ or US-5753857-\$ or US-5952714-\$ or US-5753857-\$ or US-5107328-\$ or US-6451624-\$ or US-5689091-\$ or US-5633530-\$ or US-6440770-\$ or US-5633530-\$ or US-6324067-\$ or US-5043794-\$ or US-5327056-\$ or US-5497031-\$ or US-5327325-\$ or US-4187086-\$ or US-5327325-\$ or US-4187086-\$ or US-512386-\$ or US-4630172-\$ or US-5672909-\$ or US-5173767-\$ or US-6117193-\$ or US-6396116-\$ or US-6342670-\$).did. or (US-6214644-\$ or US-5963429-\$ or US-6445591-\$ or US-6404648-\$ or US-6294839-\$ or US-6404648-\$ or US-6294839-\$ or US-6184463-\$ or US-6380631-\$ or US-611876-\$ or US-4513355-\$).did. or (US-20020006687-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/23 10:15
137	551	<pre>((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) not ((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/23
138	131	(((((optical nearl (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) not ((((((optical nearl (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening))) and (cavity apperture)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/23 10:20
139	238	<pre>(((((optical nearl (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) not ((((((optical nearl (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening))) and (cavity aperture)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/23 10:20
140	161	<pre>((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/23 10:21

141	13	((((((optical near1 (device package))	USPAT;	2002/10/23
		(ccd adj chip)) and (window (glass adj	US-PGPUB;	10:21
		cover) transparent)) and (second adj	EPO; JPO;	1
		(chip die device semiconductor))) and	DERWENT	
		glass) and (wiring wire bump ball		
1	1	flipchip (flip adj chip))) and (cavity		1
		aperture opening)) not ((((((optical		
		nearl (device package)) (ccd adj chip))		
		and (window (glass adj cover)		
		transparent)) and (second adj (chip die		
		device semiconductor))) and glass) and		
		(wiring wire bump ball flipchip (flip adj		
		chip))) and (cavity apperture opening))		
142	161	((((((optical near1 (device package))	USPAT;	2002/10/23
		(ccd adj chip)) and (window (glass adj	US-PGPUB;	10:21
		cover) transparent)) and (second adj	EPO; JPO;	
		(chip die device semiconductor))) and	DERWENT	
		glass) and (wiring wire bump ball		
		flipchip (flip adj chip))) and (cavity		1
		aperture opening)) ((((((optical near1		
ļ		(device package)) (ccd adj chip)) and		
		(window (glass adj cover) transparent))		
		and (second adj (chip die device		1
		semiconductor))) and glass) and (wiring		
	ļ	wire bump ball flipchip (flip adj chip)))		1
	İ	and (cavity aperture opening)) not		
1		((((((optical near1 (device package))]
		(ccd adj chip)) and (window (glass adj		
		cover) transparent)) and (second adj		
1		(chip die device semiconductor))) and		
		glass) and (wiring wire bump ball		1
		flipchip (flip adj chip))) and (cavity		
		apperture opening)))		
143	68	(((((((optical near1 (device package))	USPAT;	2002/10/23
]		(ccd adj chip)) and (window (glass adj	US-PGPUB;	10:22
1		cover) transparent)) and (second adj	EPO; JPO;	
		(chip die device semiconductor))) and	DERWENT	1
		glass) and (wiring wire bump ball		
1		flipchip (flip adj chip))) and (cavity		
1		aperture opening)) and (bump ball		1
	L	flipchip (flip adj chip))	<u> </u>	

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1	7 ((((((((optical near1 (device package))	USPAT;	2002/10/23
f	(ccd adj chip)) and (window (glass adj	US-PGPUB;	10:22
	cover) transparent)) and (second adj	EPO; JPO;	
	(chip die device semiconductor))) and	DERWENT.	
	glass) and (wiring wire bump ball		
•	flipchip (flip adj chip))) and (cavity		1
	aperture opening)) and (bump ball		
	flipchip (flip adj chip))) not		1
	((((((((optical nearl (device package))		
	(ccd adj chip)) and (window (glass adj		
	cover) transparent)) and (second adj		1
	(chip die device semiconductor))) and		
	glass) and (wiring wire bump ball]	
	flipchip (flip adj chip))) and (cavity		
	apperture opening)) not ((US-6407381-\$ or		1
	US-6384473-\$ or US-6271056-\$ or		
	US-5952714-\$ or US-5753857-\$ or	1	
	US-5107328-\$ or US-6451624-\$ or		
	US-5689091-\$ or US-5633530-\$ or		
	US-6440770-\$ or US-6043559-\$ or		
	US-6324067-\$ or US-5043794-\$ or		
	US-5600541-\$ or US-5497031-\$ or	İ	
	US-5357056-\$ or US-4187868-\$ or		
	US-5327325-\$ or US-6420782-\$ or		
	US-5012386-\$ or US-4630172-\$ or		
	US-5672909-\$ or US-5173767-\$ or		
	US-6117193-\$ or US-6396116-\$ or		
	US-6342670-\$).did. or (US-6214644-\$ or		
1	US-5963429-\$ or US-6445591-\$ or		
	US-6404648-\$ or US-6294839-\$ or		
	US-6184463-\$ or US-6380631-\$ or		
	US-4879588-\$ or US-5461196-\$ or	•	
ŀ	US-5611876-\$ or US-4513355-\$).did. or		
	(US-20020006687-\$).did.))		II